

SERVICE MANUAL

**214/216
STEREO POWER
AMPLIFIER**

NAD

SERVICE SAFETY PRECAUTIONS (UL)

1. Use exact replacement parts for critical locations marked “”
2. Return lead dress to original position and re-install protective covers.
3. Before returning to customer, test for shock hazard; use either method A or B:
 - A. Leakage test “cold”:
 1. Unplug the AC cord; turn power switch ON.
 2. Connect one lead of High Voltage Insulation Tester to both prongs of the AC plug.
 3. Touch other lead to all exposed metal parts.
 4. Impedance measurement must be 0.3-5.0 Megohms.
 - B. Leakage test, “live” :
 1. Plug unit directly into the AC outlet: do not use isolation transformer.
 2. Connect one lead of the Leakage Current Tester to earth ground.
 3. Touch other lead to all exposed metal parts.
 4. Leakage measurement must be less than 0.5 millamps.

**214/216
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TABLE OF CONTENTS

SPECIFICATIONS	3
REAR PANEL	4
FRONT PANEL	4
PCB LAYOUT	5
EXPLODED VIEW PARTS LIST	6
EXPLODED VIEW	7
WIRING DIAGRAM	8
SCHEMATIC DIAGRAMS	
214	9
216	10
ELECTRICAL PARTS LIST	11
ALIGNMENT PROCEDURE	14
PACKING DIAGRAM	15

NOTE: The "A", given after an item number, refers to the part number for the model 216 only.

SPECIFICATIONS

Specifications are measured in accordance with EIA Standard RS-490 (IHF T-202) for amplifiers.

STEREO MODE

		214	216
Continuous Power Output.....	8 ohms (20Hz/1kHz/20kHz at rated THD)	80W 120W	125W 200W
Clipping Power at 0.1%THD.....	8 ohms (1kHz)	95W 150W	150W 250W
Rated THD (with 80kHz LPF).....	0.03%	0.03%	0.03%
20Hz/1kHz/20kHz at rated power			
Soft Clipping THD, 1kHz.....	Output Reduction	10% 1dB	10% 1dB
Signal/Noise Ratio, 1kHz.....	ref. 1W (A-weighted, 220 ohm load)	96.5dB 115.5dB	96.5dB 117.5dB
Frequency Response.....	20Hz 20kHz	0~-0.3dB -0.2~-0.8dB	0~0.3dB -0.2~-0.8dB
Input Sensitivity, 1kHz.....	(Rated output into 8 ohms)	895±30mV	1120±40mV
Channel Separation.....	1kHz 10kHz	75dB 58dB	75dB 58dB
Damping Factor.....	(at 50Hz/8 ohms)	200	200
Dynamic Power.....	8 ohms 4 ohms 2 ohms	110W 180W 250W	170W 280W 400W

BRIDGE MODE

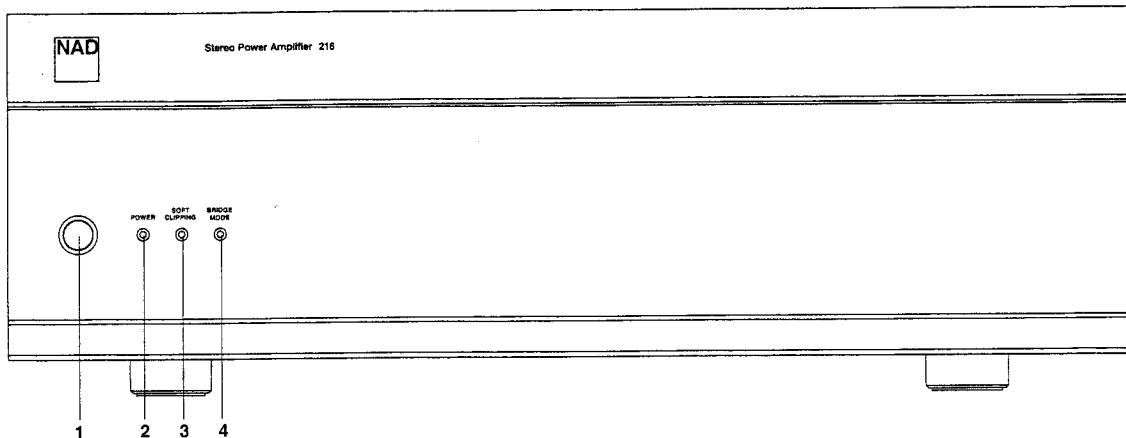
Continuous Power Output.....	8 ohms (20Hz/1kHz/20kHz at rated THD with 80kHz LPF)	240W	400W
Input Sensitivity.....	(Rated output into 8 ohms)	775±40mV	1000±50mV

PHYSICAL

Dimensions (Width x Height x Depth).....	435 x 128 x 370mm	435 x 146 x 370mm
Gross weight	12.5kg (27.5lbs)	15.5kg (34.1lbs)
Power consumption at 120, 220 or 240VAC, 50/60Hz.....	384VA	540VA

WARNING: TO PREVENT FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

FRONT PANEL



1. POWER Switch
2. POWER Indicator
3. SOFT CLIPPING Indicator
4. BRIDGE MODE Indicator

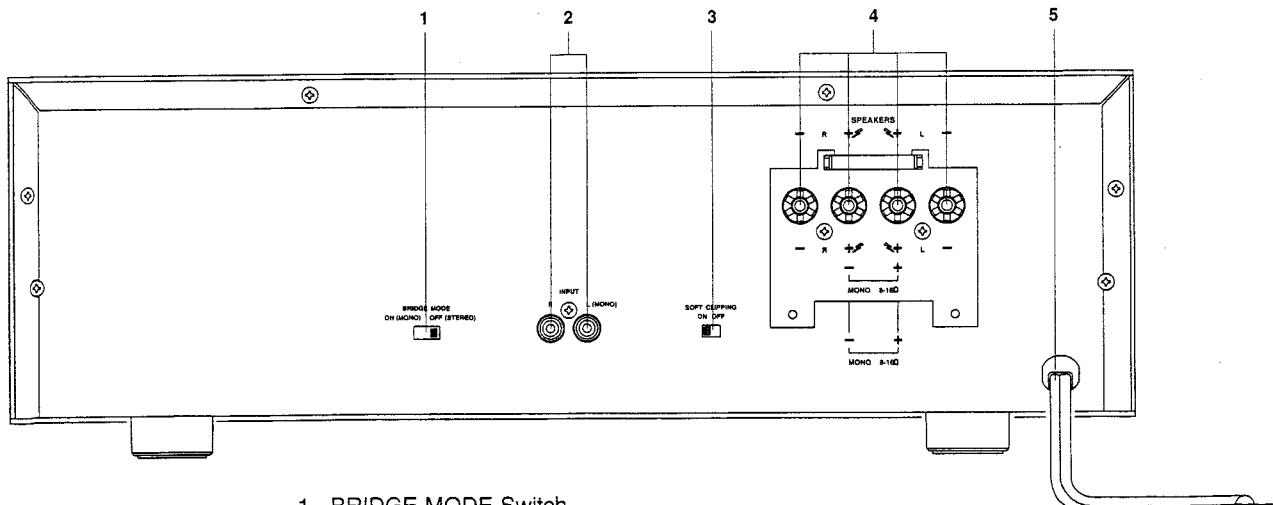


The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure, that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user of the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

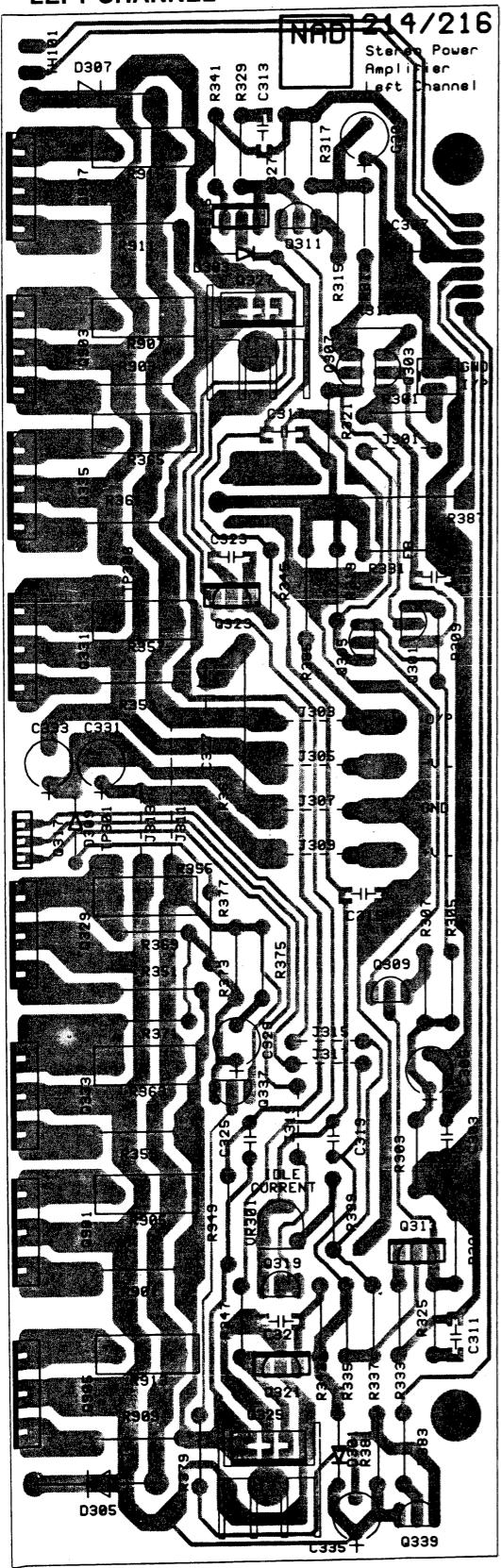
REAR PANEL



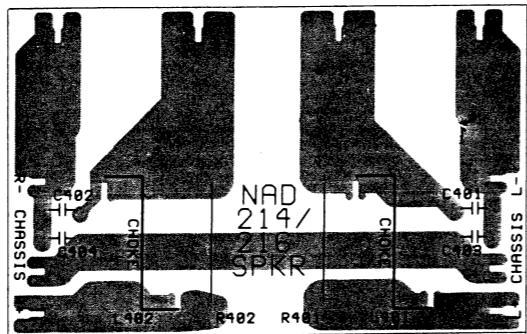
1. BRIDGE MODE Switch
2. INPUT Jacks
3. SOFT CLIPPING Switch
4. SPEAKER OUTPUT Terminals
5. AC POWER CORD

PCB LAYOUT

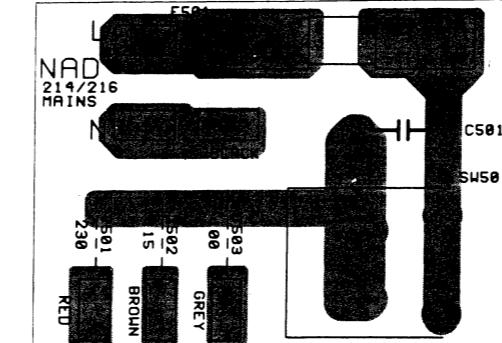
LEFT CHANNEL



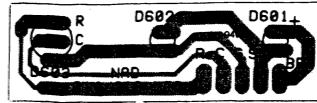
SPEAKER



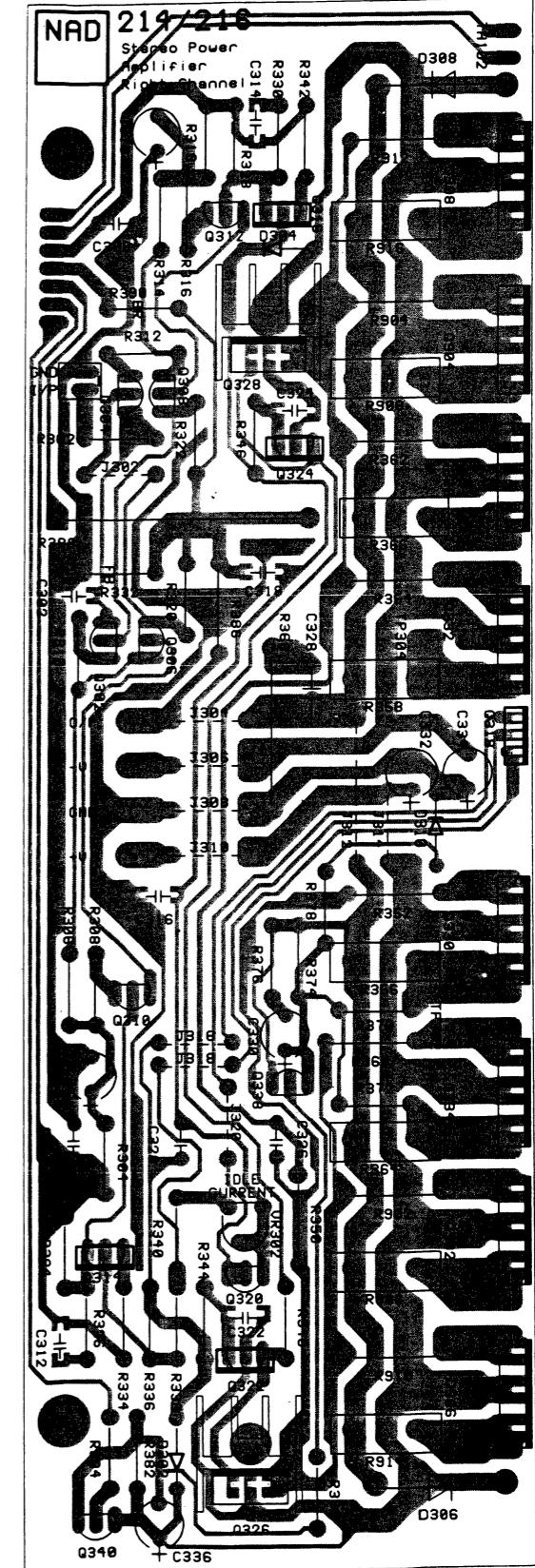
MAINS



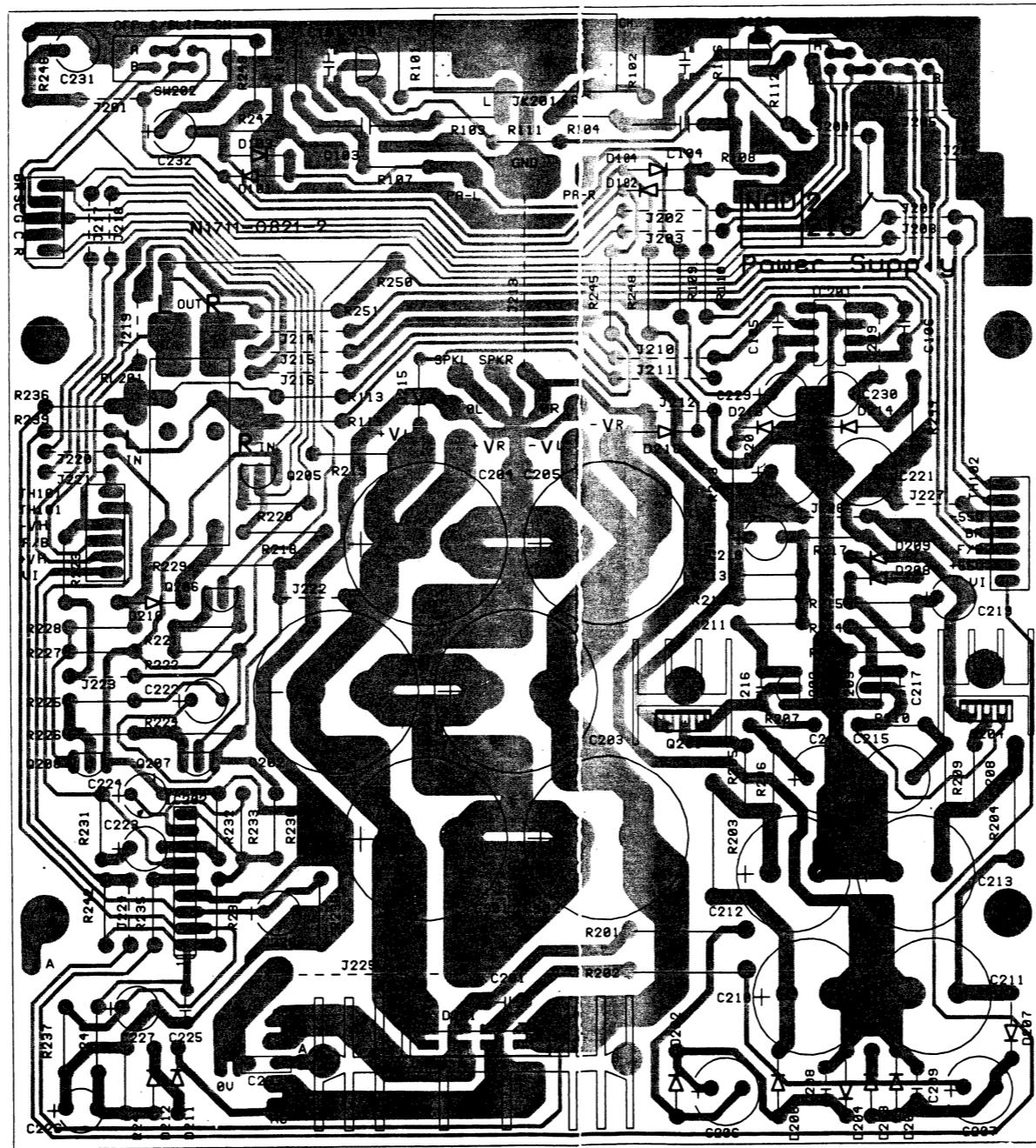
LED



RIGHT CHANNEL



POWER SUPPLY

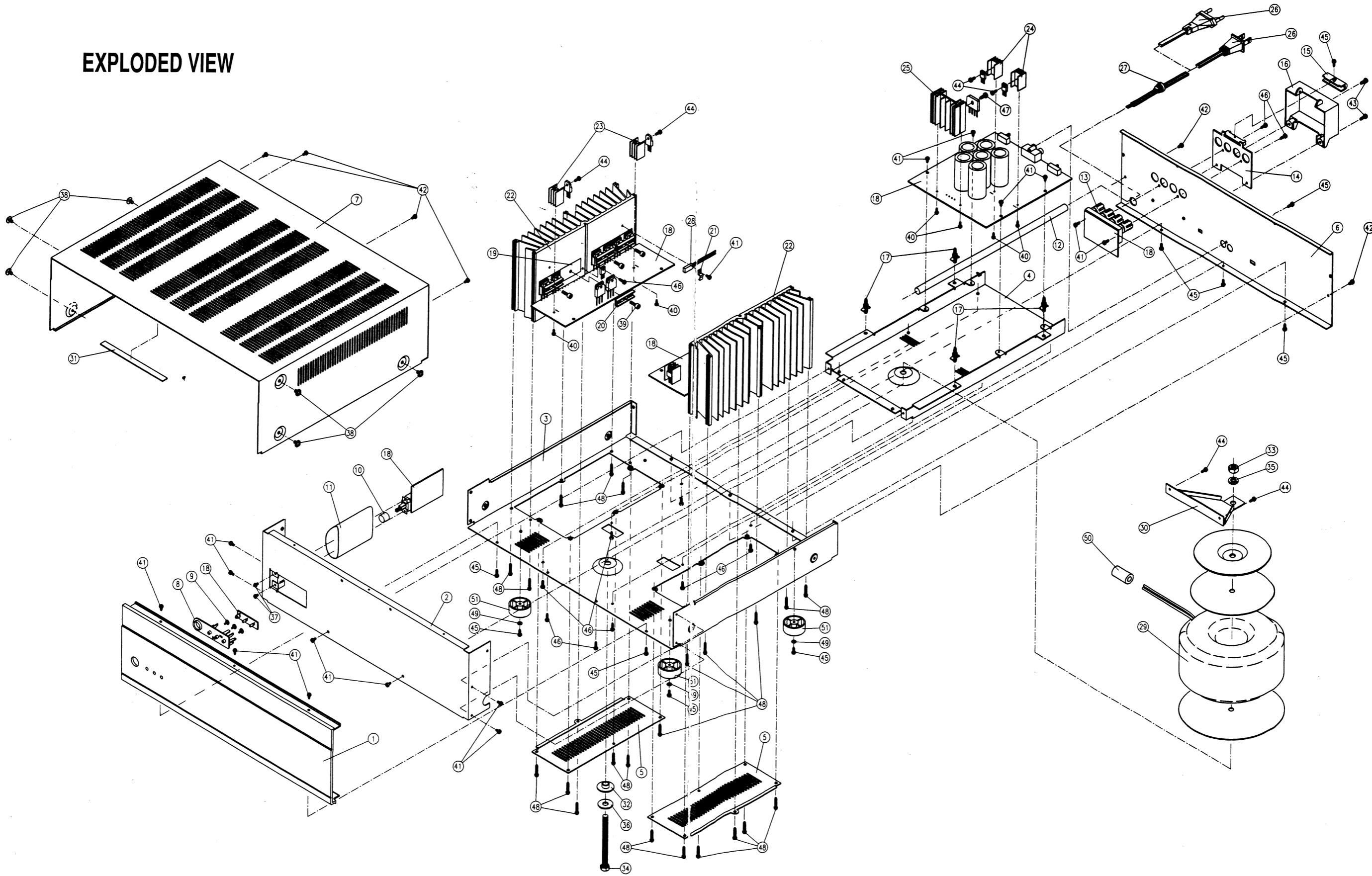


EXPLODED VIEW PARTS LIST

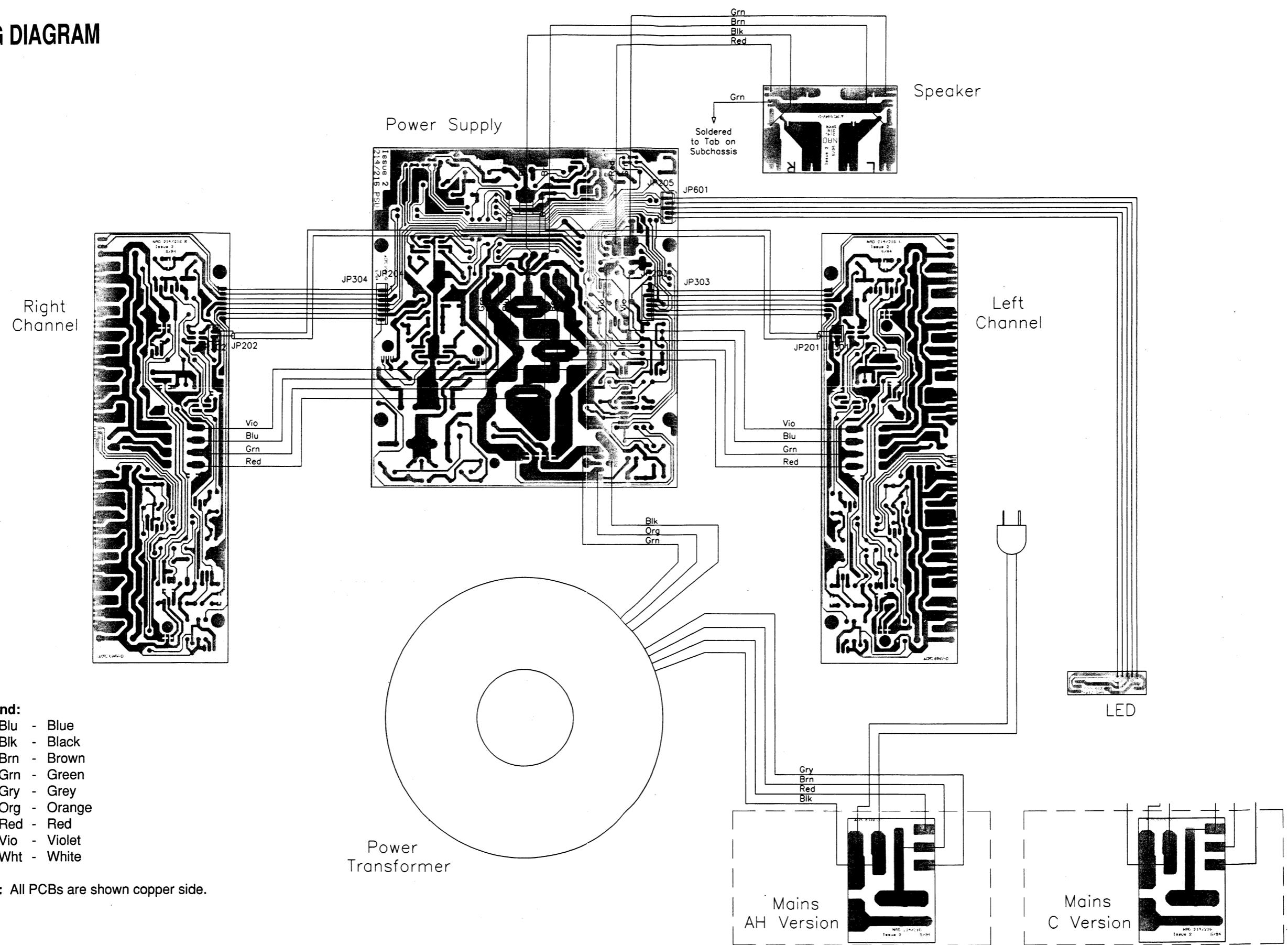
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	N14619601-1	Fascia	214
1 A	N14620601-1	Fascia	216
2	N14023250-1	Subfascia	214
2 A	N14023350-1	Subfascia	216
3	N14023270-1	Base Plate	1
4	N14023290-1	Subchassis	1
5	N14023300-0	Access Cover	2
6 *AH	N14023260-1	Rear Panel	214 AH
6 *C	N14023320-1	Rear Panel	214 C
6 A*AH	N14023360-0	Rear Panel	216 AH
6 A*C	N14023370-1	Rear Panel	216 C
7	N14023280-0	Top Cover	214
7 A	N14023380-0	Top Cover	216
8	N41519991-0	Bezel	1
9	N41520011-0	Clear LED Lens	3
10	N2437640B-0	Power Button	1
11	N16600600-0	Shrinkage Tube	ID=38.1mm 0.07m
12	N16600710-0	Sleeve Tube	ID=10mm 0.3m
13 *C	N21038004-0	Speaker Terminal with Plug	C
13 *AH	N21038104-0	Speaker Terminal without Plug	AH
14 A*AH	N41520022-0	UL Box Backplate Pantone 420 Grey	AH
15 A*AH	N41520031-0	UL Box Saddle	AH
16 A*AH	N41519981-0	UL Box Cover	AH
17	N41519951-0	PCB Support (LCBS)	4
18	N17110821-2	214/216 Amp PCB without components	1
19	N31003191-0	Silicon Sheet	8
20	N41321671-0	Transistor Clamp	8
21	N41321661-0	Thermal Mounting Clip	2
22	N54000841-0	Main Heatsink	214
22 A	N54000871-0	Main Heatsink	216
23	N54000831-0	Heatsink Power Amplifier	4
24	N54000851-0	Heatsink Regulator	2
25	N54000821-1	Heatsink Power Supply	214
25 A	N54000901-0	Heatsink Power Supply	216
26 *AH	N70093100-1	AC Cord 18AWGx2 UL/CSA SPT-2 AH	⚠
26 *B	N70095100-0	AC Cord ASTA BS1363 with 5A Fuse B	⚠
26 *B1	N70091190-1	AC Cord SAA AS3112	B1
26 *C	N70093110-0	AC Cord SEMKO	C
27	N41519461-0	Strain Relief Bushing	1
28	N89100055-0	Thermal Breaker UP 7290C	2
29	N18062102-0	Transformer TI-61233with Accessory	214
29 A	N18062105-0	Transformer TI-61242with Accessory	216
30	N41322151-0	Transformer Bracket	1
31	N41519411-0	Cushion 130x10x1.0mm	1
32	N41520331-0	Transformer Bushing	1
33	28368075-0	Nut M8x0.75mm	214
34	29078070-2000	Bolt Hexagon Head M8x0.75mm - 70mm	214
34 A	N41321891-0	Bolt + Nut Hexagon Head BSW 18TPI - 3.5"	216
35	28428015-0	Spring Washer M8	1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
36	41321971-0	Flat Washer M8x22x1.5mm	1
37	28153042-0	Screw M3x4mm	2
38	29004006-3010	Screw M4x0.5x6mm with Flat Washer	6
39	29084012-3400	Screw Hexagon Socket Head 4x12mm Blk	8
40	29542606-0000	Screw BT 2.6x6mm	8
41	29543006-0000	Screw B-Tite 3x6mm Yel.Zn	17
42	29543006-3000	Screw B-Tite 3x6mm Blk.Zn	6
43	29443008-3000	Screw S-Tite 3x8mm Blk	2
44	29503008-3000	Screw Tapping 3x8mm	8
45	29543008-3000	Screw B-Tite 3x8mm Blk.Zn	11
46	29543010-3000	Screw B-Tite 3x10mm Blk.Zn	12
47	29543510-0000	Screw B-Tite 3.5x10mm Yel.Zn	1
48	29503516-3100	Screw B-Tite 3.5x16mm	22
49	28423367-0	Metal Washer ID=3.3mm OD=6.7mm	4
50 A	N18080110-0	Ferrite Core 33RH15.5x28.5x7.3	216
51	N41519371-1	Rubber Foot	4

EXPLODED VIEW

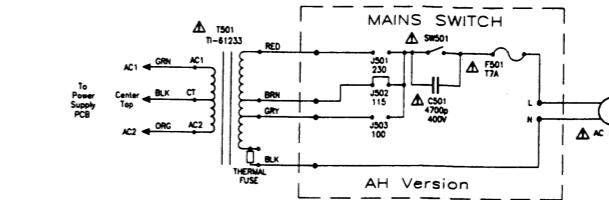
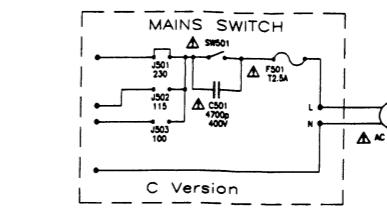
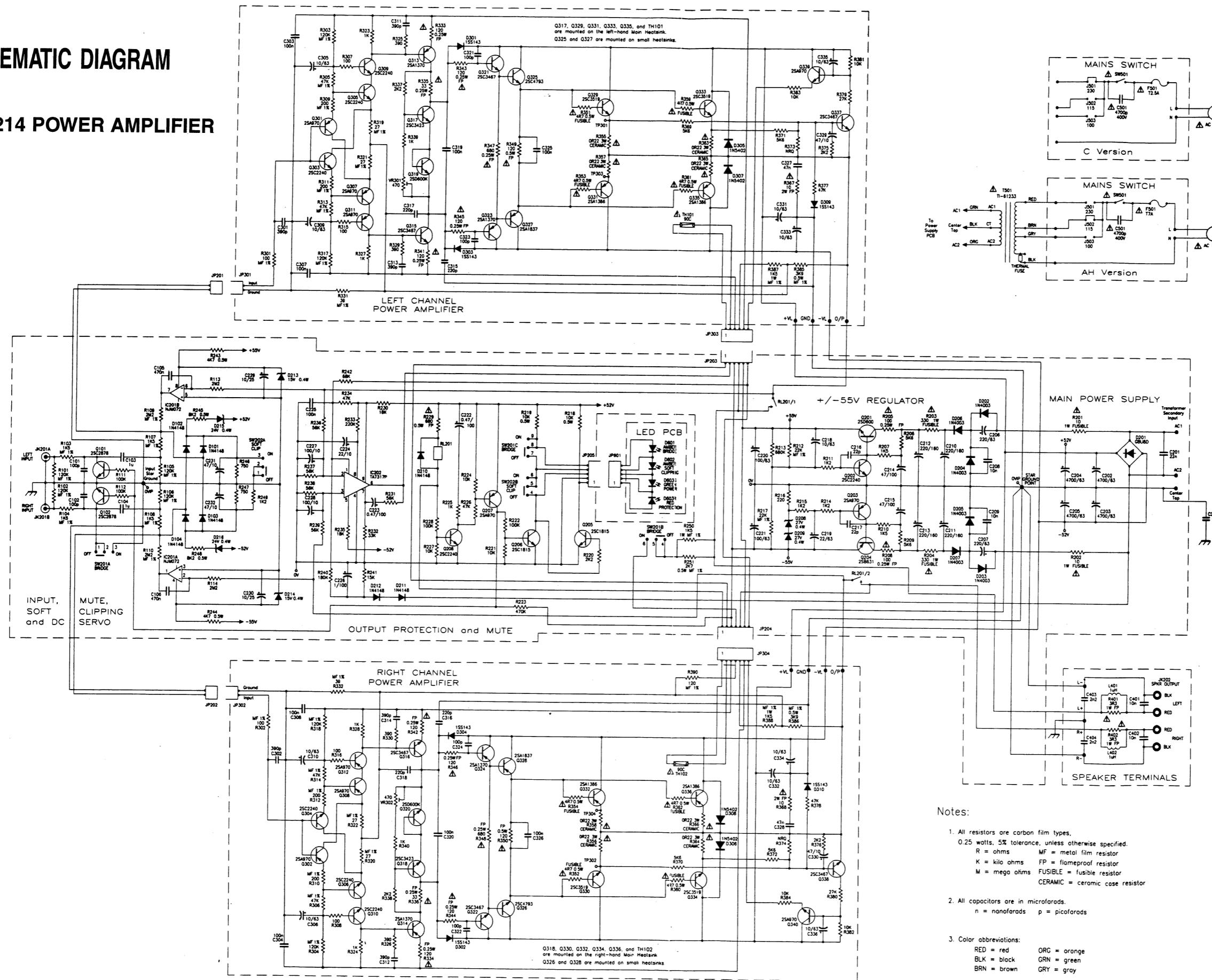


WIRING DIAGRAM



SCHEMATIC DIAGRAM

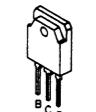
214 POWER AMPLIFIER



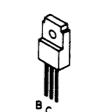
AD712
NJM072



TA7317P



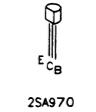
2SA1386
2SC3519



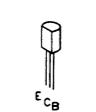
2SA1837
2SC4793



2SA1478
2SB631
2SC3423
2SC3788
2SD600K



2SA970
2SC1815
2SC2240
2SC2878

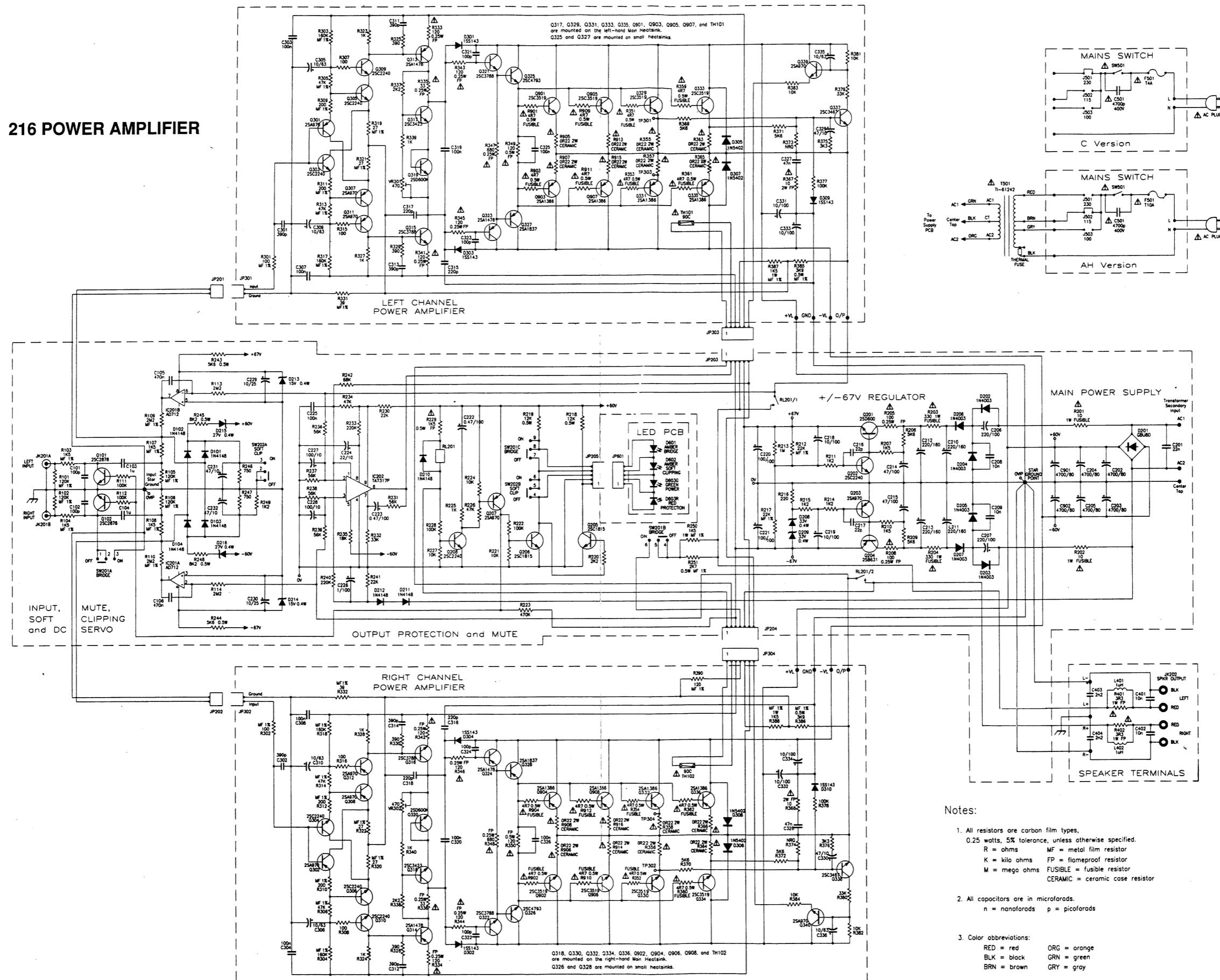


2SA1370
2SC3467

Notes:

- All resistors are carbon film types.
0.25 watts, 5% tolerance, unless otherwise specified.
R = ohms MF = metal film resistor
K = kilo ohms FP = flameproof resistor
M = mega ohms FUSIBLE = fusible resistor
CERAMIC = ceramic case resistor
- All capacitors are in microfarads.
n = nanofarads p = picofarads
- Color abbreviations:
RED = red ORG = orange
BLK = black GRN = green
BRN = brown GRY = gray

216 POWER AMPLIFIER



Note

1. All resistors are carbon film types,
 0.25 watts, 5% tolerance, unless otherwise specified.

R = ohms	MF = metal film resistor
K = kilo ohms	FP = flameproof resistor
M = mega ohms	FUSIBLE = fusible resistor
	CERAMIC = ceramic case resistor

2. All capacitors are in microfarads.
 n = nanofarads p = picofarads

3. Color abbreviations:

RED = red	ORG = orange
BLK = black	GRN = green
BRN = brown	GRY = gray

ELECTRICAL PARTS LIST

SYMBOL NO.	PART NUMBER	DESCRIPTION					REMARKS
C101, C102	N158R101J-5-IQ	Capacitor, Polystyrene	250V	100pF	±5%		
C103, C104	153I105K-9-NL	Capacitor, Mylar	63V	1uF	±10%		
C105, C106	153I474K-9-NL	Capacitor, Mylar	63V	0.47uF	±10%		
C201	153R223M-9-NL	Capacitor, Mylar	250V	0.022uF	±20%		
C202, C203	N89100057-0	Capacitor, Electrolytic	63V	4700uF	±20%	214	
C202, C203 A	89100062-0	Capacitor, Electrolytic	80V	4700uF	±20%	216	
C204, C205	N89100057-0	Capacitor, Electrolytic	63V	4700uF	±20%	214	
C204, C205 A	89100062-0	Capacitor, Electrolytic	80V	4700uF	±20%	216	
C206, C207 A	157H227M-5-5&	Capacitor, Electrolytic	100V	220uF	±20%	216	
C206, C207	N157I227M-5-S9	Capacitor, Electrolytic	63V	220uF	±20%	214	
C208, C209	153R103M-9-NL	Capacitor, Mylar	250V	0.01uF	±20%		
C210, C211	N89100056-0	Capacitor, Electrolytic	160V	220uF	±20%		
C212, C213	N89100056-0	Capacitor, Electrolytic	160V	220uF	±20%		
C214, C215	157H476M-5-S5	Capacitor, Electrolytic	100V	47uF	±20%		
C216, C217	15CG220J-7-IJ	CTC	0/30	22pF	±5%		
C218, C219 A	157H106M-5-LU	Capacitor, Electrolytic	100V	10uF	±20%	216	
C218	N157I106M-5-IU	Capacitor, Electrolytic	63V	10uF	±20%	214	
C219	N157I226M-5-IU	Capacitor, Electrolytic	63V	22uF	±20%	214	
C220, C221 A	157H107M-5-X9	Capacitor, Electrolytic	100V	100uF	±20%	216	
C220, C221	N157I107M-5-SX	Capacitor, Electrolytic	63V	100uF	±20%	214	
C222, C223	N157H474M-5-IU	Capacitor, Electrolytic	100V	0.47uF	±20%		
C224	157C226M-5-IU	Capacitor, Electrolytic	10V	22uF	±20%		
C225	153H104M-9-NL	Capacitor, Mylar	100V	0.1uF	±20%		
C226	N157H105M-5-IU	Capacitor, Electrolytic	100V	1uF	±20%		
C227, C228	157C107M-5-IU	Capacitor, Electrolytic	10V	100uF	±20%		
C229, C230	157E106M-5-IU	Capacitor, Electrolytic	25V	10uF	±20%		
C231, C232	157C476M-5-IU	Capacitor, Electrolytic	10V	47uF	±20%		
C233	N150F103K-5-UU	Capacitor, Ceramic	50V	0.01uF	±10%	214	
C301, C302	N158F391J-5-IQ	Capacitor, Polystyrene	50V	390pF	±5%		
C303, C304	153H104M-9-NL	Capacitor, Mylar	100V	0.1uF	±20%		
C305, C306	157I106M-5-IU	Capacitor, Electrolytic	63V	10uF	±20%		
C307, C308	153H104M-9-NL	Capacitor, Mylar	100V	0.1uF	±20%		
C309, C310	157I106M-5-IU	Capacitor, Electrolytic	63V	10uF	±20%		
C311, C312	N158F391J-5-IQ	Capacitor, Polystyrene	50V	390pF	±5%		
C313, C314	N158F391J-5-IQ	Capacitor, Polystyrene	50V	390pF	±5%		
C315, C316	N158K221J-5-IQ	Capacitor, Polystyrene	150V	220pF	±5%		
C317, C318	N158K221J-5-IQ	Capacitor, Polystyrene	150V	220pF	±5%		
C319, C320	153H104M-9-NL	Capacitor, Mylar	100V	0.1uF	±20%		
C321, C322	N158R101J-5-IQ	Capacitor, Polystyrene	250V	100pF	±5%		
C323, C324	N158R101J-5-IQ	Capacitor, Polystyrene	250V	100pF	±5%		
C325, C326	153H104M-9-NL	Capacitor, Mylar	100V	0.1uF	±20%		
C327, C328	153H473K-9-SW	Capacitor, Mylar	100V	0.047uF	±10%		
C329, C330	157C476M-5-IU	Capacitor, Electrolytic	10V	47uF	±20%		
C331, C332 A	157H106M-5-LU	Capacitor, Electrolytic	100V	10uF	±20%	216	
C331, C332	N157I106M-5-IU	Capacitor, Electrolytic	63V	10uF	±20%	214	
C333, C334 A	157H106M-5-LU	Capacitor, Electrolytic	100V	10uF	±20%	216	
C333, C334	N157I106M-5-IU	Capacitor, Electrolytic	63V	10uF	±20%	214	
C335, C336	157I106M-5-IU	Capacitor, Electrolytic	63V	10uF	±20%		
C401, C402	153R103M-9-NL	Capacitor, Mylar	250V	0.01uF	±20%		
C403, C404	15CG222J-7-IJ	CTC	0/30	2200pF	±5%		
C501	N89100049-0	CAP	400V	4700pF	DE7150F472MVA1KC		
C901, C902 A	89100062-0	Capacitor, Electrolytic	80V	4700uF	±20%	216	

SYMBOL NO.	PARTNUMBER	DESCRIPTION			REMARKS
D101, D102	48041480-2	Diode		1N4148	
D103, D104	48041480-2	Diode		1N4148	
D201	N48400610-0	Diode, Bridge		GBU8D	
D202, D203	N48040030-2	Diode		1N4003	
D204, D205	N48040030-2	Diode		1N4003	
D206, D207	N48040030-2	Diode		1N4003	
D208, D209	N483727V0-2	Diode, Zener	0.5W 27V		214
D208, D209 A	483733V0-2	Diode, Zener	0.5W 33V		216
D210, D211	48041480-2	Diode		1N4148	
D212	48041480-2	Diode		1N4148	
D213, D214	48400510-0	Diode, Zener	0.5W 15V		214
D215, D216	N48400620-0	Diode, Zener	0.5W 24V		216
D215, D216 A	483727V0-2	Diode, Zener	0.5W 27V		
D301, D302	48400590-0	Diode		1SS143	
D303, D304	48400590-0	Diode		1SS143	
D305, D306	N48054020-L	Diode		1N5402	
D307, D308	N48054020-L	Diode		1N5402	
D309, D310	48400590-0	Diode		1SS143	
D601, D602	N37003513-Y	LED Yellow	(L-424YDT) 3mm		
D603	N37003517-RG	LED Red/Green	(L-469HGW)		
F501 A*AH	N51001030-3A	Fuse	T10A 125V/250V (UL/CSA)		⚠ 216AH
F501 *C	N51002530-1B	Fuse	T2.5A 250V IEC (SEMKO/VDE)		⚠ 214C
F501 *AH	N51007030-1A	Fuse	T7A 125V (UL/CSA)		⚠ 214AH
F501 A*C	51200017-0	Fuse	T4A 250V SEMKO/VDE		⚠ 216C
IC201	N31303560-0	IC	NJM072 (D)		214
IC201 A	N31303830-0	IC	AD712 (JN)	Analog Devices	216
IC202	N31303530-0	IC	TA7317P		
JK201	N21037902-0	Twin RCA Jack	YKC21-3539		
L401, L402	N18040490-0	Spring Coil	1uH 1/9/16.5		
Q101, Q102	N48600070-5	Transistor	2SC2878 (A, B)		
Q201	N48600740-5	Transistor	2SD600K (E, F)		
Q202	N485240GR-5	Transistor	2SC2240 (G, R)		
Q203	N48600650-5	Transistor	2SA970 (G, R)		
Q204	N48600870-5	Transistor	2SB631K (E, F)		
Q205, Q206	N4851815Y-5	Transistor	2SC1815-Y		
Q207	N48600650-5	Transistor	2SA970 (G, R)		
Q208	N485240GR-5	Transistor	2SC2240 (G, R)		
Q301, Q302	N48600650-5	Transistor	2SA970 (G, R)		
Q303, Q304	N485240GR-5	Transistor	2SC2240 (G, R)		
Q305, Q306	N485240GR-5	Transistor	2SC2240 (G, R)		
Q307, Q308	N48600650-5	Transistor	2SA970 (G, R)		
Q309, Q310	N485240GR-5	Transistor	2SC2240 (G, R)		
Q311, Q312	N48600650-5	Transistor	2SA970 (G, R)		
Q313, Q314	N48600680-5	Transistor	2SA1370 (E)		214
Q313, Q314 A	N48600810-5	Transistor	2SA1478 (E)		216
Q315, Q316	N48600720-5	Transistor	2SC3467 (E)		214
Q315, Q316 A	N48600820-5	Transistor	2SC3788 (E)		216
Q317, Q318	N48600790-5	Transistor	2SC3423 (Y)		
Q319, Q320	N48600740-5	Transistor	2SD600K (E, F)		214
Q321, Q322	N48600720-5	Transistor	2SC3467 (E)		216
Q321, Q322 A	N48600820-5	Transistor	2SC3788 (E)		216
Q323, Q324	N48600680-5	Transistor	2SA1370 (E)		214

SYMBOL NO.	PART NUMBER	DESCRIPTION					REMARKS
Q323, Q324 A	N48600810-5	Transistor	2SA1478 (E)				216
Q325, Q326	48601060-5	Transistor	2SC4793				
Q327, Q328	48601050-5	Transistor	2SA1837				
Q329, Q330	N48600730-5	Transistor	2SC3519 (O, P, Y)				
Q331, Q332	N48600690-5	Transistor	2SA1386 (O, P, Y)				
Q333, Q334	N48600730-5	Transistor	2SC3519 (O, P, Y)				
Q335, Q336	N48600690-5	Transistor	2SA1386 (O, P, Y)				
Q337, Q338	N48600720-5	Transistor	2SC3467 (E)				
Q339, Q340	N48600650-5	Transistor	2SA970 (G, R)				
Q901, Q902 A	N48600730-5	Transistor	2SC3519 (O, P, Y)				216
Q903, Q904 A	N48600690-5	Transistor	2SA1386 (O, P, Y)				216
Q905, Q906 A	N48600730-5	Transistor	2SC3519 (O, P, Y)				216
Q907, Q908 A	N48600690-5	Transistor	2SA1386 (O, P, Y)				216
R201, R202	N4718100J-2-F	Resistor	Fusible	10	1W	5%	⚠
R203, R204	N4718331J-2-F	Resistor	Fusible	330	1W	5%	⚠
R205, R208	N4715101J-2-P	Resistor	Flame Proof	100	0.25W	5%	⚠
R229	N4717681J-2-P	Resistor	Flame Proof	680	0.5W	5%	⚠ 214
R229 A	N4717152J-2-P	Resistor	Flame Proof	1K5	0.5W	5%	⚠ 216
R333, R334	4715121J-2-P	Resistor	Flame Proof	120	0.25W	5%	⚠
R335, R336	N4715330J-2-P	Resistor	Flame Proof	33	0.25W	5%	⚠
R341, R342	4715121J-2-P	Resistor	Flame Proof	120	0.25W	5%	⚠
R343, R344	4715121J-2-P	Resistor	Flame Proof	120	0.25W	5%	⚠
R345, R346	4715121J-2-P	Resistor	Flame Proof	120	0.25W	5%	⚠
R347, R348	N4715681J-2-P	Resistor	Flame Proof	680	0.25W	5%	⚠
R349, R350	4717121J-2-P	Resistor	Flame Proof	120	0.5W	5%	⚠
R351, R352	47174R7J-2-F	Resistor	Fusible	4R7	0.5W	5%	⚠
R353, R354	47174R7J-2-F	Resistor	Fusible	4R7	0.5W	5%	⚠
R355, R356	471A022K-5-N	Resistor	Ceramic Case	0R22	3W	10%	⚠ 214
R355, R356 A	4719022K-5-N	Resistor	Ceramic Case	0R22	2W	10%	⚠ 216
R357, R358	471A022K-5-N	Resistor	Ceramic Case	0R22	3W	10%	⚠ 214
R357, R358 A	4719022K-5-N	Resistor	Ceramic Case	0R22	2W	10%	⚠ 216
R359, R360	47174R7J-2-F	Resistor	Fusible	4R7	0.5W	5%	⚠
R361, R362	47174R7J-2-F	Resistor	Fusible	4R7	0.5W	5%	⚠
R363, R364	471A022K-5-N	Resistor	Ceramic Case	0R22	3W	10%	⚠ 214
R363, R364 A	4719022K-5-N	Resistor	Ceramic Case	0R22	2W	10%	⚠ 216
R365, R366	471A022K-5-N	Resistor	Ceramic Case	0R22	3W	10%	⚠ 214
R365, R366 A	4719022K-5-N	Resistor	Ceramic Case	0R22	2W	10%	⚠ 216
R367, R368	4719100J-1-P	Resistor	Flame Proof	10	2W	5%	⚠
R401, R402	N47183R3J-2-P	Resistor	Flame Proof	3R3	1W	5%	⚠
R901, R902 A	47174R7J-2-F	Resistor	Fusible	4R7	0.5W	5%	⚠ 216
R903, R904 A	47174R7J-2-F	Resistor	Fusible	4R7	0.5W	5%	⚠ 216
R905, R906 A	4719022K-5-N	Resistor	Ceramic Case	0R22	2W	10%	⚠ 216
R907, R908 A	4719022K-5-N	Resistor	Ceramic Case	0R22	2W	10%	⚠ 216
R909, R910 A	47174R7J-2-F	Resistor	Fusible	4R7	0.5W	5%	⚠ 216
R911, R912 A	47174R7J-2-F	Resistor	Fusible	4R7	0.5W	5%	⚠ 216
R913, R914 A	4719022K-5-N	Resistor	Ceramic Case	0R22	2W	10%	⚠ 216
R915, R916 A	4719022K-5-N	Resistor	Ceramic Case	0R22	2W	10%	⚠ 216
RL201	N45000130-0	Relay	DEC	DH48D2-0 (M) DH 2U			
SW201	N52003161-0-01	4PDT Slide Switch	SK-42F28-G6TS				
SW202	N52003171-0-01	DPDT Slide Switch	SK-22F28-G9TS				
SW501	N52003181-0-01	DPST Push Switch	SDDFA3066A				⚠
TH101, TH102	N89100055-0	Thermal Breaker	UP 72 90C				⚠
VR301, VR302	N47564716-3-06	Resistor, Semi-fixed	470 H3 7X7.6 RH0615C				

ALIGNMENT PROCEDURE

EQUIPMENT

Digital voltmeter (DVM) switched to 200mV DC range.

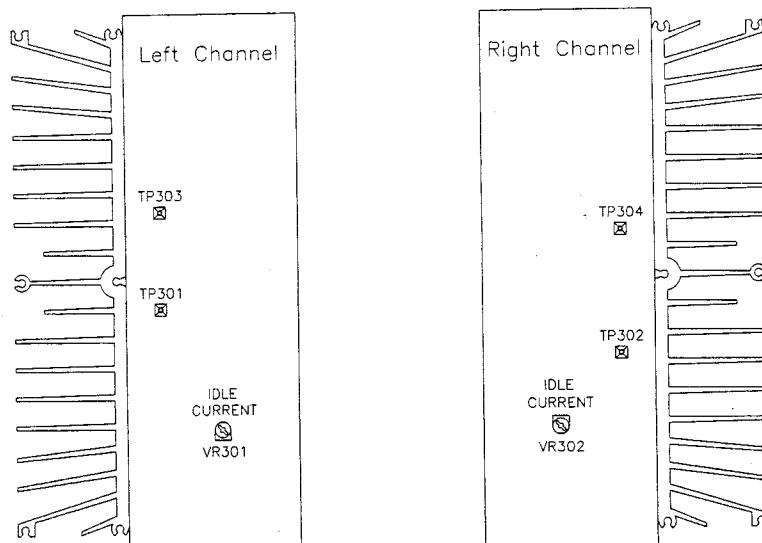
TEST CONDITIONS

Ensure VR301 and VR302 are set to minimum (fully counterclockwise) before first switching on.

Preheat	Minimum five (5) minutes
Load	No load
Input	No signal

ALIGNMENT

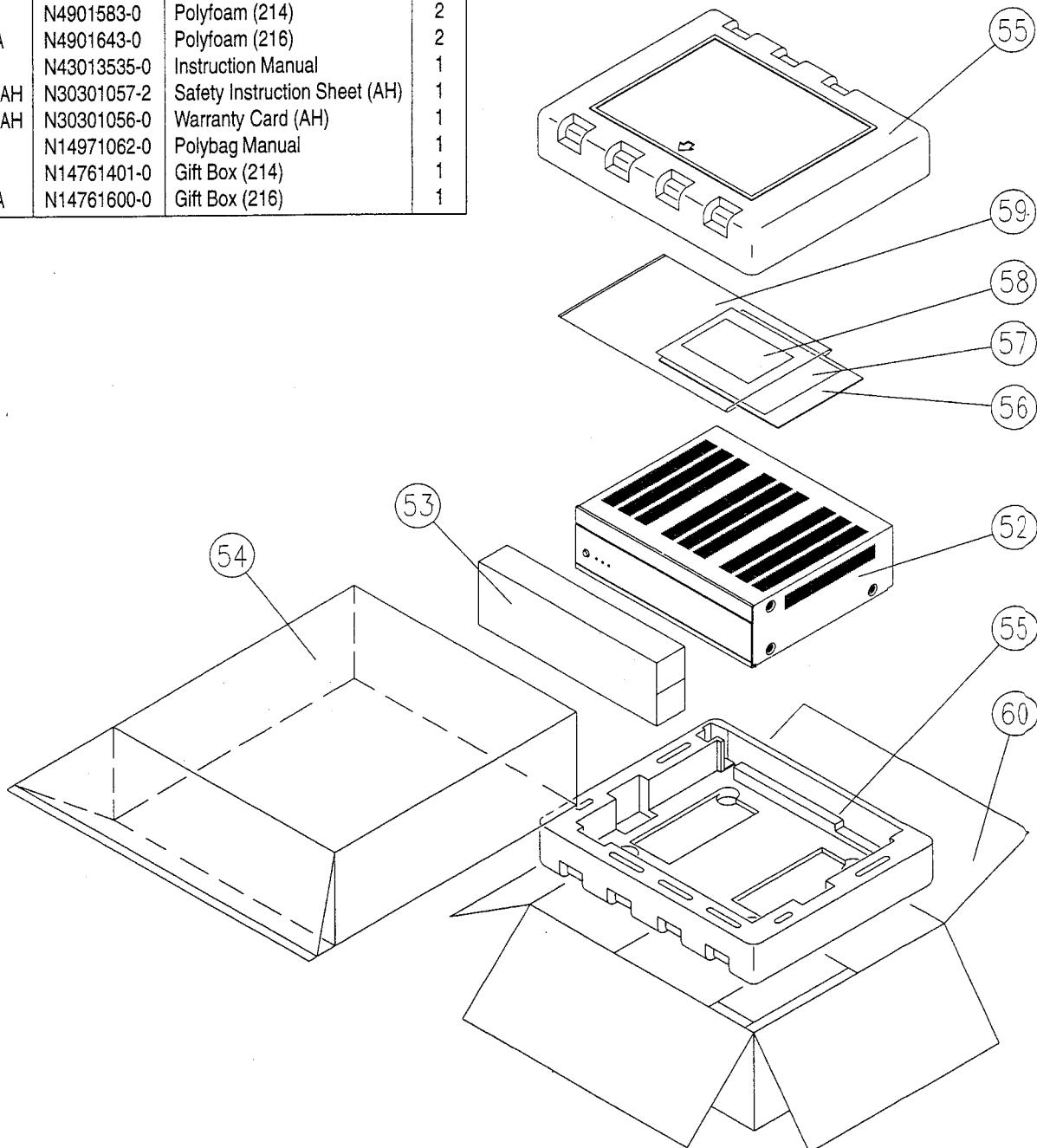
1. Connect DVM across TP301 and TP303, Left Channel.
2. Adjust VR301, Left channel, for a reading of:
214 20mV \pm 1.5mV.
216 18mV \pm 1.5mV.
3. Connect DVM across TP302 and TP304, Right channel.
4. Adjust VR302, Right channel, for a reading of:
214 20 mV \pm 1.5mV.
216 18mV \pm 1.5mV.
5. Leave power on for a further five (5) minutes (minimum).
6. Repeat steps 1 to 4.



AMPLIFIER ADJUSTMENT POINTS

PACKING DIAGRAM

ITEM	PART NUMBER	NAME	QTY
52		Unit	1
53	N14971252-0	EPE Bag (214)	1
53 A	N14971162-0	EPE Bag (216)	1
54	N14971072-3	Polybag Unit	1
55	N4901583-0	Polyfoam (214)	2
55 A	N4901643-0	Polyfoam (216)	2
56	N43013535-0	Instruction Manual	1
57 *AH	N30301057-2	Safety Instruction Sheet (AH)	1
58 *AH	N30301056-0	Warranty Card (AH)	1
59	N14971062-0	Polybag Manual	1
60	N14761401-0	Gift Box (214)	1
60 A	N14761600-0	Gift Box (216)	1



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